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| Index of Claims  | Application/Control No. 10689478 | Applicant(s)/Patent Under Reexamination PAPENFUSS ET AL. |
| | Examiner MARC A PATTERSON | Art Unit 1782 |

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| ✓ | Rejected | - | Cancelled | N | Non-Elected | A | Appeal |
| = | Allowed | ÷ | Restricted | I | Interference | O | Objected |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant | | | | | | <input type="checkbox"/> CPA | | <input type="checkbox"/> T.D. | | <input type="checkbox"/> R.1.47 | |
|--|----------|------------|------------|------------|------------|------------------------------|------------|-------------------------------|------------|---------------------------------|--|
| CLAIM | | DATE | | | | | | | | | |
| Final | Original | 07/01/2005 | 03/22/2006 | 06/08/2006 | 10/19/2006 | 01/25/2008 | 11/13/2008 | 12/08/2009 | 06/14/2010 | | |
| | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 3 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 4 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 5 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 6 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 7 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 8 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 9 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 11 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 12 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 13 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 14 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 15 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 16 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 17 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 18 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 19 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 20 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 21 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 22 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 23 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 24 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 25 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 26 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 27 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 28 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 29 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 30 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 31 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 32 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 33 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 34 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 35 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |
| | 36 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | |

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|--|----------|------------|------------|------------|------------|------------|------------|------------|------------|--|------------------------------|--|--|--|--|--|--|--|--|--|--|-------------------------------|--|--|--|--|--|--|--|--|--|--|---------------------------------|--|--|--|--|--|--|--|--|--|--|
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| | 37 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 38 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 39 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 40 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 41 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 42 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 43 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 45 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 46 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 47 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 48 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 49 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 51 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 52 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 53 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 54 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 55 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 56 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 57 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 58 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 59 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 60 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 61 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 62 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 63 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 64 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 65 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 66 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 67 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 68 | | | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 69 | | | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 70 | | | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 71 | | | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 72 | | | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | 73 | | | | | | | ✓ | = | |
| | 74 | | | | | | | ✓ | = | |
| | 75 | | | | | | | ✓ | = | |
| | 76 | | | | | | | ✓ | = | |
| | 77 | | | | | | | ✓ | = | |
| | 78 | | | | | | | ✓ | = | |
| | 79 | | | | | | | ✓ | = | |
| | 80 | | | | | | | ✓ | = | |
| | 81 | | | | | | | ✓ | = | |